## STATE OF WASHINGTON

## DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

April 3, 1991

Mr. Steven Wisness Hanford Project Manager U.S. Department of Energy P.O. Box 550, A6-95 Richland, Washington 99352

Re: LERF Basin Construction

Dear Mr. Wisness:

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We have received your the letter dated March 21, 1991 regarding the LERF test pads and your intent to begin construction of the liner system. Prior to construction USDOE must receive written approval from Ecology. The written approval must be received for the revised CQA documentation, the revised specifications (including those for the HDPE liner component), the contractor's implementation plan, and the final report documenting the performance of the test pad. This is consistent with our mutual understanding and the commitments provided in your letter. Ecology must also receive a certification from a qualified independent professional engineer that the surface impoundments' dikes have sufficient structural integrity to withstand the stress of the pressure exerted by the types and amounts of wastes place in them and will not fail due to scouring or piping.

We would like to take this opportunity to point out that the set of drawings provided to us on the December 21, 1990, did not indicate that the thickness of the clay liner component beneath the leachate collection sump will be maintained at two feet. This is required. Additionally, we would like to bring to your attention that to the best of our understanding, the information presented at the March 26, 1991, unit managers' meeting indicates that the M-26-04 Milestone is unlikely to be met. Any extentions must be requested and granted pursuant to Article XL of the Agreement.

If you have any questions, comments, or both please contact Paul Stasch of my staff at (206) 459-6725.

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Sincerely,

Timothy L. Nord

Hanford Project Manager



Rich Nevarez, USDOE-RL Paul Day, USEPA Dave Nylander Toby Michelena Paul Stasch Gary Anderson cc:

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## Addressee

Correspondence No.

TL Nord/Ecology

Author

SH Wisness/DOE-RL

Incoming: 9101394

Subject LERF Basin Construction

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 		RA Carlson	H4-51   H4-55	ļ
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		KR Fecht	H4-56	
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